

IN THE CLAIMS

Please amend the claims as follows:

- 1 1. (canceled)

- 1 2. (previously amended) Apparatus as defined in Claim 10, in
2 which the housing inlet comprises a second tube having an outlet in the pollution-
3 collecting chamber for passing air from the air inlet, to impact the water surface
4 to remove pollutants from air passing through the pollution-collecting chamber.

- 1 3. (previously amended) Apparatus as defined in Claim 10, in
2 which the motor is a squirrel cage motor having fan means for moving air from
3 the air inlet through the pollution-collecting chamber and out the air outlet.

- 1 4. (currently amended) Apparatus as defined in Claim 10 in which the
2 vertical tube draws water from the water in the ~~inner~~ pollution-collecting chamber,
3 and discharges the water issuing from the opening means in the vertical tube to
4 create a mist of water in the path of motion of the air passing through the
5 pollution-collecting chamber.

- 1 5. (currently amended) Apparatus as defined in Claim 10 in which the
2 vertical tube is an elongated curved tube having an upper end connected to the
3 motor output shaft, and a lower portion disposed in water in the container.

1 6. (previously amended) Apparatus as defined in Claim 10,
2 including a filter disposed in the path of the air passing from the pollution-
3 collecting chamber to the air outlet.

1 7. (previously amended) Apparatus as defined in Claim 10,
2 including aromatic means for aromatizing air passing through the air outlet.

1 8. (previously amended) Apparatus as defined in Claim 10, in
2 which the motor is a brushless motor.

1 9. (currently amended) A method for removing pollutants from air
2 containing pollutants, comprising the steps of:
3 providing a housing having a pollution-collecting chamber,
4 an air inlet for receiving air into the pollution-collecting chamber, and an air outlet
5 for passing filtered air received from the pollution-collecting chamber
6 providing a body of water in the pollution-collecting chamber;
7 providing a motor having an a rotatable output shaft, and fan
8 means for passing air from the air inlet toward the air outlet;
9 connecting an elongated vertical tubular member to the
10 output shaft for rotation; and
11 rotating the tubular member such that a lower inlet opening
12 in the body of water draws water into the tubular member, and then discharges
13 the water through a plurality of vertically spaced openings ~~an opening~~ in the

14 tubular member into the chamber to form a rain-like mist around the vertical
15 tubular member; and in the path of air passing through the pollution-collecting
16 chamber whereby the mist separates wetable pollutants from the air.

1 10. (currently amended) An air filtration apparatus, comprising:
2 a housing having a pollution-collecting chamber for holding
3 water that partially fills the chamber, an air inlet and an air outlet, both disposed
4 above the surface of water in the pollution-collecting chamber;
5 a motor;
6 a fan mounted within the housing and connected to the
7 motor for drawing air into said pollution-collecting chamber through the air inlet
8 and for exhausting air from the pollution-collecting chamber through the air outlet;
9 an elongated vertical tube having a lower inlet end disposed
10 in water in the pollution-collecting chamber;
11 means for connecting the vertical hollow tube to the motor
12 for rotating the tube about a vertical axis;
13 the vertical tube having a plurality of vertically spaced
14 openings ~~opening means~~ supported above the water level in the pollution-
15 collecting chamber, for discharging water received through said lower inlet end of
16 the tube, as a spray under centrifugal force as the tube is rotated, into air
17 containing wetable pollutants and passing upwardly along a path adjacent the
18 tube; and

19 whereby polluted air enters the pollution-collecting chamber
20 and then passes upwardly adjacent to the opening means and through the spray
21 to [[we]] wet the wettable pollutants whereby the wettable pollutants remain in the
22 pollution-collecting chamber, and the air passes toward said air outlet.

1 11. (canceled).